APPENDIX I

LABORATORY ANALYTICAL DATA

iATL INTERNATIONAL
ASBESTOS TESTING LABORATORIES

9000 Commerce Parkway Suite B
Mt. Laurel, New Jersey 08054
Telephone: 856-231-9449
Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: Brinkerhoff Environmental Services Inc.
1805 Atlantic Avenue
Manasquan NJ 08736

Client: BRI493

Report Date: 6/22/2016
Report No.: 512198 - Lead Water
Project: Warren Campus
Project No.: 14BR141U

LEAD WATER SAMPLE ANALYSIS SUMMARY

Lab No.: 5957319 **Client No.:** WC-10A	**Location:** Kitchen DW Sink FD, 6-11-16	**Result(ppb):** 8.1
Lab No.: 5957320 **Client No.:** WC-10B	**Location:** Kitchen DW Sink FL, 6-11-16	**Result(ppb):** 4.9
Lab No.: 5957321 **Client No.:** WC-11A	**Location:** Lobby Bath Sink FD, 6-11-16	**Result(ppb):** 2.8
Lab No.: 5957322 **Client No.:** WC-11B	**Location:** Lobby Bath Sink FL, 6-11-16	**Result(ppb):** <2.0
Lab No.: 5957323 **Client No.:** WC-12A	**Location:** Principal Bath FD, 6-11-16	**Result(ppb):** 9.6
Lab No.: 5957324 **Client No.:** WC-12B	**Location:** Principal Bath FL, 6-11-16	**Result(ppb):** <2.0
Lab No.: 5957325 **Client No.:** WC-13A	**Location:** 107 Bath 1 FD, 6-11-16	**Result(ppb):** 4.0
Lab No.: 5957326 **Client No.:** WC-13B	**Location:** 107 Bath 1 FL, 6-11-16	**Result(ppb):** <2.0
Lab No.: 5957327 **Client No.:** WC-14A	**Location:** 108 Bath 1 FD, 6-11-16	**Result(ppb):** 19
Lab No.: 5957328 **Client No.:** WC-14B	**Location:** 108 Bath 1 FL, 6-11-16	**Result(ppb):** 2.0

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 6/15/2016
Date Analyzed: 6/22/2016 12:00:00 AM
Signature:
Analyst: Chad Shaffer

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

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LEAD WATER SAMPLE ANALYSIS SUMMARY

Lab No.: 5957329 **Client No.:** WC-15A	**Location:** 115 Sink FD, 6-11-16	**Result(ppb):** 13
Lab No.: 5957330 **Client No.:** WC-15B	**Location:** 115 Sink FL, 6-11-16	**Result(ppb):** <2.0
Lab No.: 5957331 **Client No.:** WC-16A	**Location:** 115 Bath 1 FD, 6-11-16	**Result(ppb):** 9.6
Lab No.: 5957332 **Client No.:** WC-16B	**Location:** 115 Bath 1 FL, 6-11-16	**Result(ppb):** <2.0
Lab No.: 5957333 **Client No.:** WC-17A	**Location:** 115 Bath 2 FD, 6-11-16	**Result(ppb):** 78
Lab No.: 5957334 **Client No.:** WC-17B	**Location:** 115 Bath 2 FL, 6-11-16	**Result(ppb):** 6.2
Lab No.: 5957335 **Client No.:** WC-18A	**Location:** 112 Bath 1 FD, 6-11-16	**Result(ppb):** 17
Lab No.: 5957336 **Client No.:** WC-18B	**Location:** 112 Bath 1 FL, 6-11-16	**Result(ppb):** <2.0
Lab No.: 5957337 **Client No.:** WC-19A	**Location:** 112 Bath 2 FD, 6-11-16	**Result(ppb):** 30
Lab No.: 5957338 **Client No.:** WC-19B	**Location:** 112 Bath 2 FL, 6-11-16	**Result(ppb):** 2.9

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 6/15/2016
Date Analyzed: 6/22/2016 12:00:00 AM
Signature:
Analyst: Chad Shaffer

Approved By:
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Client: BRI493

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Project: Warren Campus
Project No.: 14BR141U

LEAD WATER SAMPLE ANALYSIS SUMMARY

Lab No.: 5957339 **Client No.:** WC-20A	**Location:** 111 Bath 1 FD, 6-11-16	**Result(ppb):** 8.9
Lab No.: 5957340 **Client No.:** WC-20B	**Location:** 111 Bath 1 FL, 6-11-16	**Result(ppb):** <2.0
Lab No.: 5957341 **Client No.:** WC-21A	**Location:** 111 Sink FD, 6-11-16	**Result(ppb):** 4.6
Lab No.: 5957342 **Client No.:** WC-21B	**Location:** 111 Sink FL, 6-11-16	**Result(ppb):** <2.0
Lab No.: 5957343 **Client No.:** WC-22A	**Location:** Outdoor Bath FD, 6-11-16	**Result(ppb):** 20
Lab No.: 5957344 **Client No.:** WC-22B	**Location:** Outdoor Bath FL, 6-11-16	**Result(ppb):** 2.9
Lab No.: 5957345 **Client No.:** WC-23	**Location:** Field Blank, 6-11-16	**Result(ppb):** <2.0

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 6/15/2016
Date Analyzed: 6/22/2016 12:00:00 AM

Signature:
Analyst: Chad Shaffer

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

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Client: BRI493

Report Date: 6/22/2016
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Appendix to Analytical Report:

Customer Contact: Jason Hooper
Analysis: AAS-GF - ASTM D3559-08D, USEPA 40CFR 141.11B, 2010

This appendix seeks to promote greater understanding of any observations, exceptions, special instructions, or circumstances that the laboratory needs to communicate to the client concerning the above samples. The information below is used to help promote your ability to make the most informed decisions for you and your customers. Please note the following points of contact for any questions you may have.

iATL Customer Service: customerservice@iatl.com
iATL OfficeManager: cdavis@iatl.com
iATL Account Representative: Pete Lesniak
Sample Login Notes: See Batch Sheet Attached
Sample Matrix: Water
Exceptions Noted: See Following Pages

General Terms, Warrants, Limits, Qualifiers:

General information about iATL capabilities and client/laboratory relationships and responsibilities are spelled out in iATL policies that are listed at www.iATL.com and in our Quality Assurance Manual per ISO 17025 standard requirements. The information therein is a representation of iATL definitions and policies for turnaround times, sample submittal, collection media, blank definitions, quantification issues and limit of detection, analytical methods and procedures, sub-contracting policies, results reporting options, fees, terms, and discounts, confidentiality, sample archival and disposal, and data interpretation.

iATL warrants the test results to be of a precision normal for the type and methodology employed for each sample submitted. iATL disclaims any other warrants, expressed or implied, including warranty of fitness for a particular purpose and warranty of merchantability. iATL accepts no legal responsibility for the purpose for which the client uses test results. Any analytical work performed must be governed by our Standard Terms and Conditions. Prices, methods and detection limits may be changed without notification. Please contact your Customer Service Representative for the most current information.

This confidential report relates only to those item(s) tested and does not represent an endorsement by NIST-NVLAP, AIHA LAP LLC, or any agency of local, state or province governments nor of any agency of the U.S. government.

This report shall not be reproduced except in full, without written approval of the laboratory.

Information Pertinent to this Report:

Analysis by AAS Graphite Furnace:
- ASTM D3559-08D, USEPA 40CFR 141.11B, 2010
- USEPA 200.9Pb, AAS-GF, RL <2 ppb/sample
- USEPA SW 846-7000B:7421 - Pb(AAS-GF, RL <2 ppb/sample)

Certification:
- NYS-DOH No. 11021
- NJDEP No. 03863

Regulatory limit for lead in drinking water is 15.0 parts per billion as cited in EPA 40 CFR 141.11 National Primary Drinking Water Regulations, Subpart B: Maximum contaminant levels for inorganic chemicals.

All results are based on the samples as received at the lab. iATL assumes that appropriate sampling methods have been used and that the data upon which these results are based have been accurately supplied by the client.

Sample results are not corrected for contamination by field or analytical blanks.

PPB = Parts per billion. 1 µg/L = 1 ppb MDL = 0.24 PPB Reporting Limit (RL) = 2.0 PPB

Disclaimers / Qualifiers:

There may be some samples in this project that have a "NOTE:" associated with a sample result. We use added disclaimers or qualifiers to inform the client about something that requires further explanation. Here is a complete list with highlighted disclaimers pertinent to this project. For a full explanation of these and other disclaimers, please inquire at **customerservice@iatl.com.**

Water Sample Turbidity greater than 1.0 NTU does not meet Federal and NJ State Primary & Secondary Drinking Water Standards.

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Chain of Custody

Contact Information

Client Company: Brinkerhoff
Office Address: 1605 Atlantic Ave
City, State, Zip: Manasquan NJ 08736
Fax Number:
Email Address: Hazmat Group

Project Number: 14B21411U
Project Name: Warren Campus
Primary Contact: Chris Glowacki
Office Phone:
Cell Phone: 848-448-3126

Matrix:

Air ☐ Water ☒ Soil ☐ Paint ☐ Bulk ☐ Surface Dust / Wipe ☐ Other ☐

6/22/16 NS

Analysis Method:

☐ PCM: NIOSH 7400
☐ PCM: OSHA
☐ PCM: TWA

☐ Total Dust: NIOSH 0500
☐ Total Dust: NIOSH 0600

☐ AAS: Lead in Air
☒ AAS: Lead in Water
☐ AAS: Lead in Paint
☐ AAS: Lead Dust/Wipe[1]
☐ AAS: Lead in Soil
☐ AAS: TCLP
☐ AAS: Metals [Cd, Zn, Cr-circle]

PLM Use Bulk Asbestos Sample Log

☐ PLM: Bulk Asbestos EPA 600
☐ PLM: Point Counting 198.1
☐ PLM: NOB via 198.6 (PLM only)
☐ If <1% by PLM, to TEM via 198.4 [2]

IAQ Use Mold Sample Log

☐ IAQ: I Bioaersol Fungal Spore Trap[3]
☐ IAQ: II Bioaersol Fungal Spore
☐ IAQ: Tape, Bulk, Misc. Qualitative[3]
☐ IAQ: Tape, Bulk, Misc. Quantitative[3]
☐ IAQ: Other Culturable ID[2]

☐ TEM: AHERA
☐ TEM: NIOSH 7402
☐ TEM: ISO 10312
☐ TEM: ISO 13794
☐ TEM: Wipe ASTM 6480
☐ TEM: Microvac ASTM D5755
☐ TEM: Microvac ASTM D5756
☐ TEM: NOB 198.4
☐ TEM: Bulk Analysis
☐ TEM: Potable Water
☐ TEM: Non-Potable Water
☐ TEM: Other_____
☐ Soil: Call for Available Methods

1- Requires ASTM acceptable material 2- Call to confirm TAT 3- Non-culturable 4- With Non-fungal Microscopic Exam

Special Instructions:

Turnaround Time

Preliminary Results Requested Date: _____ (Specific date / time)

☐ Verbal ☒ Email ☐ Fax

☐ 10 Day ☒ 5 Day ☐ 3 Day ☐ 2 Day ☐ 1 Day* ☐ 12 Hour** ☐ 6 Hour** ☐ RUSH**

* End of next business day unless otherwise specified. ** Matrix Dependent. ***Please notify the lab before shipping***

Shipping Method

☒ FedEx ☐ UPS ☐ USPS ☐ Other _____

Chain of Custody

Relinquished (Name/Organization):		Date: 6/11/2016	Time:
Received (Name / iATL):		Date:	Time:
Sample Login (Name / iATL):		Date: 6/17/16	Time:
Analyst (Name(s) / iATL):		Date:	Time:
QA/QC Review (Name / iATL):	ML 6/22/16	Date:	Time:
Archived / Released:	QA/QC InterLAB Use:	Date:	Time:

RECEIVED JUN 15 2016

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Sample Log

–Environmental Lead –

Client: Brickerhoff Project: Warren Campus

Sampling Date/Time: 6/11/2016

Client Sample #	iATL #	Location/ Description	Flow Rate	Start / End	Sampling time (min)	Area (ft2) Volume (L)	Results ( )
WC-10A	5957319	Kitchen DW sink FD			0815	250mL	
WC-10B	5957320	↓ FL			0815	↓	
WC-11A	5957321	Lobby Bath Sink FD			0821		
WC-11B	5957322	↓ FL			0821		
WC-12A	5957323	Principal Bath FD			0828		
WC-12B	5957324	↓ FL			0828		
WC-13A	5957325	107 Bath 1 FD			0832		
WC-13B	5957326	↓ FL			0832		
WC-14A	5957327	108 Bath 1 FD			0837		
WC-14B	5957328	↓ FL			0837		
WC-15A	5957329	115 Sink FD			0846		
WC-15B	5957330	↓ FL			0846		
WC-16A	5957331	115 Bath1 FD			0852		
WC-16B	5957332	↓ FL			0852	↓	

** = Insufficient Sample Provided to Perform QC Reanalysis (<200mg)*
*** = Insufficient Sample Provided to Analyze (<50mg) ***= Matrix / Substrate Interference Possible*
FB = Method Requires the submittal of blank(s). ML = Multi Layered Sample. May result in inconsistent results.
These **preliminary results** are issued by iATL to expedite procedures by clients based upon the above data. iATL assumes that all of the sampling methods and data upon which these results are based, has been accurately supplied by the client. These results may not have been reviewed by the Laboratory Director. Final Certificate of Analysis will follow these preliminary results. The signed COA is to be considered the official results. All EPA, HUD, and NJDEP conditions apply.

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Sample Log

–Environmental Lead –

Client: Brinkerhoff Project: Warren Campus

Sampling Date/Time: 6/11/2016

Client Sample #	iATL #	Location/ Description	Flow Rate	Start / End	Sampling time (min)	Area (ft2) Volume (L)	Results ( )
WC-17A	5957333	115 Bath 2 FD			0856	250mL	
WC-17B	5957334	↓ FL			0856	↓	
WC-18A	5957335	112 Bath 1 FD			0901		
WC-18B	5957336	↓ FL			0901		
WC-19A	5957337	112 Bath 2 FD			0904		
WC-19B	5957338	↓ FL			0904		
WC-20A	5957339	111 Bath 1 FD			0909		
WC-20B	5957340	↓ FL			0909		
WC-21A	5957341	111 ~~Bath 2~~ Sink FD			0913		
WC-21B	5957342	↓ FL			0913		
WC-22A	5957343	Outdoor Bath FD			0916		
WC-22B	5957344	↓ FL			0916		
WC-23A	5957345	Field Blank			—		
~~WC-23B~~						↓	
acidified VC 6/21/16 8:41 PM							

* = *Insufficient Sample Provided to Perform QC Reanalysis (<200mg)*
** = *Insufficient Sample Provided to Analyze (<50mg)* ***= *Matrix / Substrate Interference Possible*
FB = Method Requires the submittal of blank(s). ML = Multi Layered Sample. May result in inconsistent results.
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